

TO: Mary Sanderford
FROM: J. E. Wickham
SUBJECT: Virginia Panel V-4589

DATE: March 16, 1955

Submitted By: P. Gauvin

D7KR = Red C8 and Black Q6 = Kent Golden Lights 85
Cigarettes
D7KS = Red Q6 and Black C8 = 85 mm 5 mg Candidate,
D7CFW Blend with White Tipping

The 85 mm 5 mg candidate, D7CFW blend with white tipping (D7KS), was different from the Kent Golden Lights 85 cigarettes (D7KR) in all characteristics tested except puff count, static burning time, cigarette length, circumference, type paper additive, and tipping paper length.

The Kent Golden Lights 85 cigarettes will be identified with "PR" sheet to the panelists.

	Kent Golden Lights 85	85 mm 5 mg Candidate D7CFW Blend With White Tipping
IBM Code	D7KR	D7KS
<u>Smoke</u>		
Butt Length, mm	35	35
FTC Tar, mg/cigt.	7.6	4.3
Nicotine, mg/cigt.	0.69	0.40
Puffs/cigt.	7.6	8.3
Filtration Eff., %	82	64
<u>Cigarette</u>		
Total RTD, in. of H ₂ O	3.7	4.2
Static Burn. Time, min.	6.4	7.2
Length, mm	84.6	84.3
Circumference, mm	24.9	25.0
<u>Paper</u>		
Additive, type	Cit.	Cit.
Porosity, sec.	19	11
<u>Filter</u>		
RTD, in. of H ₂ O	2.9	3.8
Length, mm	24.9	27.0
Weight, g	0.16	0.19
Tipping paper length, mm	32	32
Dilution, %	38	53
<u>Filler</u>		
Total alkaloids, %	1.38	1.65
Total reducing sugars, %	6.8	5.3
Wt. of tob., g	0.665	0.706
Density, g/cc	0.226	0.248

JEW:gmm

cc: Dr. R. T. Seligman
Mr. F. E. Resnik
Mr. T. T. Goodale
Mr. R. N. Thomson
Dr. W. E. Cannon
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Analytical File

File Fick

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